

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6057886").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/08 14:38
L2	6	("4975952" "5050166" "5333135" "5473609" "5483287" "5717689").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/08 14:20
L3	5	("6057886").URPN.	USPAT	OR	ON	2007/07/08 14:31
L4	3830	range near8 identifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 14:38
L5	811	4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 14:39
L6	7028	field near8 sub\$1field	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 14:39
L7	1081	6.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 14:40
L8	6480	"ordered sequence"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 14:40
L9	1367	8.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 14:40

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L10	3	5 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 14:40
L11	4	5 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 14:52
L12	2	7 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 14:40
L13	10920	(707/1,100).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/08 14:53
L14	1108	(725/54,136,139).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/08 14:53
L15	798	(370/476).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/08 14:53
L19	12823	13 or 14 or 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 14:54
L20	172	8 and 19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 14:55

EAST Search History

L21	3	20 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 14:55
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1 [A general business-oriented language based on decision expressions](#)



Lionello A. Lombardi

February 1964 **Communications of the ACM**, Volume 7 Issue 2**Publisher:** ACM Press

Full text available: pdf(1.00 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The structure of a digital computer programming language which covers a wide class of business and file processing applications is presented. Such a structure, based on identifying and incorporating into a compiler the aspects common to all processes of such class, permits writing extremely compact programs, even for comparatively complex applications, in terms of tables of control expressions which express only information characteristic of the particular application. Furthermore, local ch ...

2 [The algorithm description language ALDES \(report\)](#)



Rüdiger G. K. Loos

February 1976 **ACM SIGSAM Bulletin**, Volume 10 Issue 1**Publisher:** ACM Press

Full text available: pdf(1.33 MB)

 Additional Information: [full citation](#), [abstract](#), [citations](#)

ALDES is a formalization of the method to describe algorithms used in Knuth's books. The largest documentation of algebraic algorithms, Collins' SAC system for Computer Algebra, is written in this language. In contrast to PASCAL it provides automatic storage deallocation. Compared to LISP equal emphasis was placed on efficiency of arithmetic, list processing, and array handling. To allow the programmer full control of efficiency all mechanisms of the system are accessible to him. Currently ALDES ...

3 [Programming languages for non-numeric processing—2: An extended ALGOL based language](#)



G. E. Haynam

August 1965 **Proceedings of the 1965 20th national conference****Publisher:** ACM Press

Full text available: pdf(398.81 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

THE PURPOSE of a problem oriented language (POL) is to provide a convenient and efficient means for expressing the algorithms for solving a large class of problems. In the past, many special problem oriented languages were developed to efficiently handle special classes of problems such as data processing, list processing, and simulation.

Currently since the advent of ALGOL 60 as a very general problem oriented language, it is possible to extend the ALGOL language to include efficiently and ...

4 Information structure models: Data structure models for programming languages



Peter Wegner

February 1971 **ACM SIGPLAN Notices**, Volume 6 Issue 2

Publisher: ACM Press

Full text available: [pdf\(6.62 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

This paper introduces a class of models (information structure models) for characterizing computations in terms of the data structures to which they give rise during execution, shows how such models can be used to characterize automata, digital computers and programming languages, considers in some detail the data structures generated during the execution of programs in block structure languages, develops a model for a non-block structure language (SNOBOL 4) and indicates how information structu ...

5 Modeling the storage architectures of commercial database systems



D. S. Batory

December 1985 **ACM Transactions on Database Systems (TODS)**, Volume 10 Issue 4

Publisher: ACM Press

Full text available: [pdf\(4.46 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Modeling the storage structures of a DBMS is a prerequisite to understanding and optimizing database performance. Previously, such modeling was very difficult because the fundamental role of conceptual-to-internal mappings in DBMS implementations went unrecognized. In this paper we present a model of physical databases, called the transformation model, that makes conceptual-to-internal mappings explicit. By exposing such mappings, we show that it is possible to model the storage ...

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"ordered sequence" field subfield identifier

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RS Barton, GW Hodgman - US Patent 4,027,288, 1977 - Google Patents

... an unordered file, by an **ordered sequence** of ... which provides the owner's **identification**

with identifi- ... **field's subfield** which ultimately contains the **field**; the ...

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[Fluorescence microscopy - all 2 versions »](#)

A Honig, JE Smith - US Patent 4,791,310, 1988 - Google Patents

... 271 Primary Examiner—Carolyn E. **Fields** Assistant Examiner ... dye in a shown **ordered sequence** without significant ... of an impor- 20 tant **sub-field** of immunocytology. ...

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[Mission planner for agricultural robotics - all 2 versions »](#)

CG Sørensen, T Bak, RN Jørgensen - Proc. AgEng, Leuven, Belgium, 2004 - agrobotics.dk

... terms of an aerial map into Matlab identifying the **sub-field** ... solution to the CPP is an **ordered sequence** of vertices ... true paths to follow in the **field** and that ...

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[Communication system and methods using dynamic expansion for computer networks - all 3 versions »](#)

ML Howard, CS Sontag - US Patent 5,991,795, 1999 - Google Patents

... selected information element as an **ordered sequence** of fields, comprises ... ing a third subsequent **field** identifying a ... of providing a first **subfield** that includes ...

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[Language realization of a parallel asynchronous computation model](#)

TI Le'chuk - Cybernetics and Systems Analysis, 1984 - Springer

... 1 : TYPE **SUBFIELD** i, NAME **SUBFIELD** 2: TYPE **SUBFIELD** 2), NAME'FIELD 3: <TYPE ELEM

FIELD 3>; <TYPEL ... of the data base; ri -- an **ordered sequence** of relation Ri ...

[Related Articles](#) - [Web Search](#)

[Display-model mapping for TN3270 client - all 3 versions »](#)

DW Bolton, M Boe... - US Patent 6,128,662, 2000 - Google Patents

... of one or more "vectors," which are **fields** that begin ... known as the power-on-status **subfield**, contains a ... or more subvectors of the Product **Identifier** type, code ...

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DC **Field** - dspace.l3s.uni-hannover.de

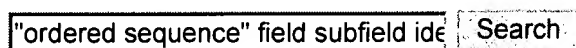
... of a VLAN frame format that is able to carry VLAN **identification** and user ... This information is carried in an additional header **field**, known as the Tag Header ...

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- ☐ 1. **Response Time in Data Broadcast Systems: Mean, Variance and Tradeoff**
Shu Jiang, Nitin H. Vaidya. Mobile Networks and Applications. Amsterdam: Jan 2002. Vol. 7, Iss. 1; p.
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» Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **First-order approximation of the ordered binary-symmetric channel**
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[Information Theory, IEEE Transactions on](#)
 Volume 42, Issue 5, Sept. 1996 Page(s):1381 - 1387
 Digital Object Identifier 10.1109/18.532880
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- ☐ 2. **Matching for run-length encoded strings**
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[Compression and Complexity of Sequences 1997. Proceedings](#)
 11-13 June 1997 Page(s):348 - 356
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